

## State Injury Indicators



### Motor Vehicle Traffic Fatalities

Category:	Motor Vehicle Indicators
Demographic Group:	All residents.
Numerator:	Deaths with any of the following ICD-10 codes as an underlying cause of death: V02–V04 (.1, .9), V09.2 Pedestrian injured in transport accident V12–V14 (.3–.9), V19 (.4–.6) Pedal cyclist injured in transport accident V20–V28 (.3–.9), V29 (.4–.9) Motorcycle rider injured in transport accident V30–V39 (.4–.9) Occupant of three-wheeled motor vehicle injured in transport accident V40–V49 (.4–.9) Car occupant injured in transport accident V50–V59 (.4–.9) Occupant of pick-up truck or van injured in transport accident V60–V69 (.4–.9) Occupant of heavy transport vehicle injured in transport accident V70–V79 (.4–.9) Bus occupant injured in transport accident V80 (.3–.5), V81.1, V82.1, Other land transport accidents V83–V86 (.0–.3), V87 (.0–.8), V89.2
Denominator:	Midyear population for the calendar year under surveillance.
Measures of Frequency:	Annual number of deaths. Annual mortality rate—crude and age-adjusted (standardized by the direct method to the year 2000 standard U.S. population).
Period for Case Definition:	Calendar year.
Background:	Motor vehicle crashes are the leading cause of injury death in the United States. They are also the leading injury cause for years of potential life lost.*
Limitations of Indicator:	Injuries severe enough to result in death represent only a small proportion of the overall burden of injury. An evaluation of only these injuries may not present an accurate picture of the causes of less-severe injuries.
Data Resources:	Death certificate data from vital statistics agencies (numerator) and population estimates from the U.S. Census Bureau or suitable alternative (denominator).
Limitations of Data Resources:	The accuracy of indicators based on codes found in vital statistics data is limited by the completeness and quality of coding. The overall completeness of external cause coding on death data is uniformly high. Coding criteria specify that all cases of injury death must contain an injury code in the underlying-cause-of-death field.
Healthy People 2010 Objectives:	15–15: Reduce deaths caused by motor vehicle crashes 15–16: Reduce pedestrian deaths on public roads 26–1: Reduce deaths and injuries caused by alcohol- and drug-related motor vehicle crashes
CDC’s Health Protection Goals:	Healthy People in Every Stage of Life: Achieve Healthy Independence Healthy People in Every Stage of Life: Live a Healthy, Productive, and Satisfying Life Healthy People in Every Stage of Life: Live Better, Longer Healthy People in Healthy Places:

\*Centers for Disease Control and Prevention, National Center for Injury Prevention and Control. Web-based Injury Statistics Query and Reporting System (WISQARS) [online]. (2005) [cited 2006 Dec 7]. Available from URL: [www.cdc.gov/ncipc/wisqars](http://www.cdc.gov/ncipc/wisqars). [www.cdc.gov/ncipc/wisqars](http://www.cdc.gov/ncipc/wisqars)